ABSTRACT OF THE DISCLOSURE

        A process executing method capable of perform-
ing multiprocessing by using a shared resource without
impairing periodical drivability of processes designed
for executing continuous media processing. When a
process requests the use of the shared resource, abortion
of that process is first disabled by the process itself
by using an abort disable function and then preemption of
the same process is disabled by means of a preempt
control module, whereupon the process enters a processing
executed by using the shared resource. Upon completion
of the processing for the shared resource, the process is
immediately set to a preempt-enabled state by means of a
preempt control module. After completion of all the
processings, the abort-disabled state is finally cleared
by using a disabled-abort clear function. Upon occur-
rence of forcive termination of a process in the abort-
disabled state thereof, execution of this process is
continued until the abort-disabled state is cleared, and
the process is terminated forcibly after the abort-
disabled state has been cleared.